

## **Water Integration Project Meeting Minutes**

### **March 5, 2003 - ID-N**

#### **Attendees:**

Jan Brown	INEEL	<a href="mailto:browjm@inel.gov">browjm@inel.gov</a>
Brad Bugger	DOE-ID	<a href="mailto:buggerpb@id.doe.gov">buggerpb@id.doe.gov</a>
Doug Burns	INEEL	<a href="mailto:deb4@inel.gov">deb4@inel.gov</a>
Dave Frederick	Idaho DEQ-Oversight	<a href="mailto:dfrederi@deq.state.id.us">dfrederi@deq.state.id.us</a>
Doug Jorgensen	INEEL	<a href="mailto:dkj@inel.gov">dkj@inel.gov</a>
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Al Yonk	INEEL	<a href="mailto:yonkak@inel.gov">yonkak@inel.gov</a>

#### **Via Conference Call**

Tony Kluk & Paul Beam	DOE-HQ	<a href="mailto:anthony.kluk@em.doe.gov">anthony.kluk@em.doe.gov</a>
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Dave Rydalch	CAB Representative	<a href="mailto:weedfree@fretel.com">weedfree@fretel.com</a>
Gary Winter	Idaho DEQ	<a href="mailto:gwinter@deq.state.id.us">gwinter@deq.state.id.us</a>

#### **Safety Share**

Everyone was reminded of the importance of safety briefings before going out into the field, including saving time for safety discussions at the beginning of every Hydrogeology Tour this summer.

#### **Action Log**

It was noted that the Project Execution Plan is being more widely reviewed within INEEL and that the deadline should still be met.

The Science Strategy presentation is being given to the Citizens Advisory Board on Tues., March 18 in Idaho Falls.

#### **2003 Hydrogeology Field Tours**

The balance of the meeting was spent discussing the September 2002 tour itinerary and how it can be improved for 2003. Up to ten tours may be scheduled from June-August 2003 as Water Integration funds permit, and at least three trips will be open to the general public. Charter buses will be used again because of their reasonable cost and superior comfort, and the drivers are willing to travel dirt roads. Tours will be co-hosted by an external organization that will be responsible for registration and fee collection, name tag preparation, and food and beverage arrangements. Purchase or individual provision of folding chairs will be needed to alleviate guest discomfort at certain outdoor stops where standing for long periods is impractical. Coordination with Don Miley will be ensured.

The 2002 itinerary was used as a point of departure for the discussion, where these suggestions were made:

#### **Stop 1 – Craters of the Moon or Hells Half-Acre (One hour including welcome & introductions)**

- Make sure the Craters Amphitheatre is reserved in advance for any tour coming from the West.
- Travis McLing was complimented for his presentations in 2002, and will be invited to participate in 2003. With Dick Smith retiring, Suzette Jackson should be invited to serve as a back-up geologist for this stop.
- Ensure that the graphics used at this stop are in good condition, large enough to see, and in our possession for use on the tours. Have printed handouts ready of each graphic presented and add a back pocket to the Tour Guide to accommodate additional materials.

**Travel from Stop 1 to RWMC (30-40 minutes)** – Provide an introduction to the site and its contamination history as appropriate as the bus approaches Stop 2. It should be decided in advance who talks to the group during the long rides between stops and what the topics will be.

**Stops 2 a, b, c – Radioactive Waste Management Complex (1-1/2 hours)**

- Spend the rest of the morning visiting appropriate locations within the RWMC including a brief stop at the Engineered Barrier Test Facility (EBTF), a longer stop at the Wind Gap overlooking the Subsurface Disposal Area, and a tour through the Glovebox Excavator Mock-Up (GEM). Included in these stops will be a description of the caps/barriers research currently underway at EBTF (hydrology, animal intrusion and geophysics studies), an overview of Big Lost River hydrology and RWMC monitoring tools and protocols.
- Make sure we point out the organic vapor units and describe why they are operating.
- Make sure we tell the “why” of what is going on with PIT 9 and other characterization and mapping efforts.
- An explanation of CERCLA and the timeline for the buried waste decision should be held to the end of the RWMC discussion. Make sure we explain where the public fits in to the decision making process.

**Stop 3 – EBR-1 Visitor Center (Up to 1-1/2 hours including lunch. 1:30 departure is crucial)**

- Let people eat right away and use the facilities rather than trying to herd them into another lecture.
- Provide 30-45 minutes for the group to wander around the visitor center. Invite agencies and other INEEL organizations to staff displays to further engage stakeholders in their ongoing work. Ideas included USGS, INEEL Oversight, Cultural Resources, Gail Heath’s 3D visualization of the percolation ponds, and any other SSI research and subsurface monitoring not covered earlier. Any new accomplishments or understandings should be highlighted.

**Travel from EBR-1 to INTEC with a detour to the Vadose Zone Research Park (30 minutes)** – Discuss the way waste water was disposed of historically and why the new percolation ponds are a superior, fully instrumented solution to the previous ponds.

**Stop 4 – INTEC/INEEL CERCLA Disposal Facility (30-45 minutes – dry run needed)**

This will be a combination of drive-by discussion along the fenceline to see the old ponds and tank area and short walks around appropriate pull outs to view the new landfill. It will be important to highlight the sodium-bearing waste treatment/disposal issue and where we are in the technology decision process.

**Travel from INTEC to Test Area North (30 minutes)** – Point out interesting landmarks and other INEEL facilities. Spend time on the history of INEEL use and its future missions as points of general interest.

**Stop 5 – Bioremediation at Test Area North (One hour including rest room stop)**

Update the group on the TCE plume and its responsiveness to bioremediation as an in situ treatment technology. Visit the new pump and treat facility (107B), but recognize we will need our folding chairs for Kent Sorenson’s presentation outside.

**Travel from TAN to Lemhi Point (10 minutes)**

**Stop 6 – Lemhi Point Overlook (30 minutes including hike both ways)**

Cover the Big Picture at this final stop, including surface water hydrology and the conceptual model of contaminant fate and transport in the subsurface.

The following people offered to help with conducting the tours: Doug Burns, Doug Vandel, and Brennon Orr. Al Yonk, Paul Wichlacz and Doug Jorgenson will help as needed. Dave Frederick will check regarding an Oversight presence at EBR-1 and on the tour itself. Dave Rydalch will attend the CAB, Irrigator and High Country RC&D tours. Joe Rousseau has agreed to prepare displays and provide two USGS staff for EBR-1 each day of the tour. Richard K. thinks the Water Resource Committee should attend one of the tours offered this summer. The DOE-ID communications staff (Brad, Tim J, Alan J) will try to have one person cover each tour. Eric Neher, Jason Casper, Travis McLing and Greg Stormberg also have expressed interest in participating in the tours this year.

The meeting adjourned at 2:10 p.m. The next meeting will be on March 12, 2003.